Methods for Refolding Conformationally Constrained Peptides

Grzegorz BULAJ. - Atty. Ref. 2314-210-II

Fig. 1 a

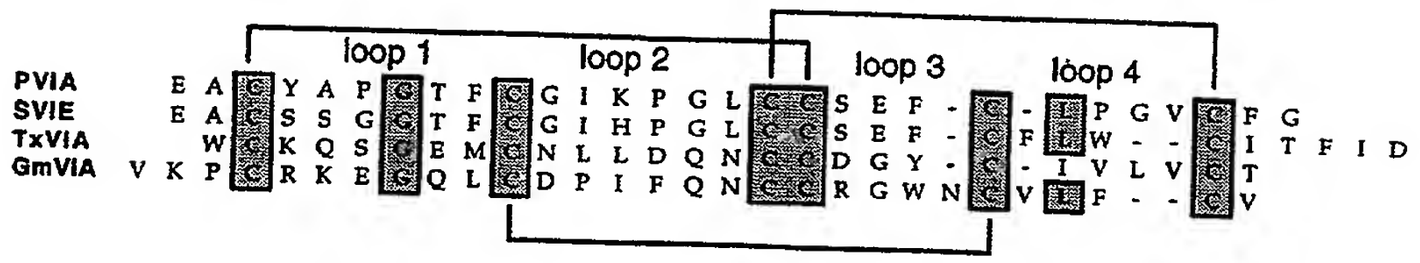
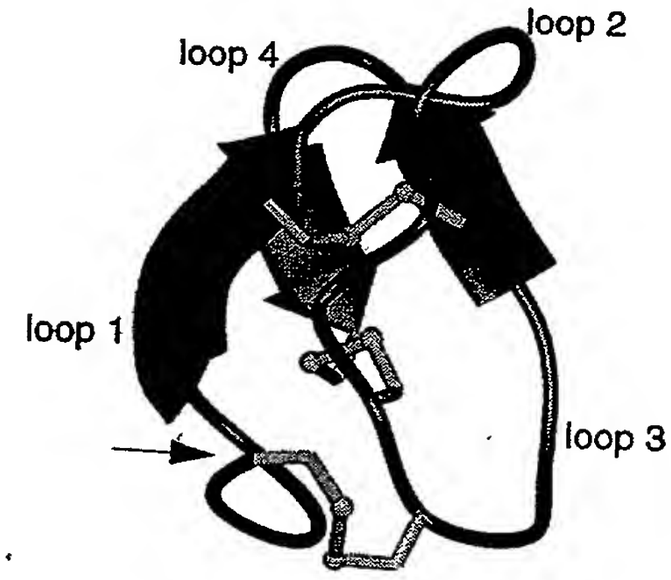


Fig. 1 b



Methods for Refolding Conformationally Constrained Peptides
Grzegorz BULAJ. - Atty. Ref. 2314-210-II

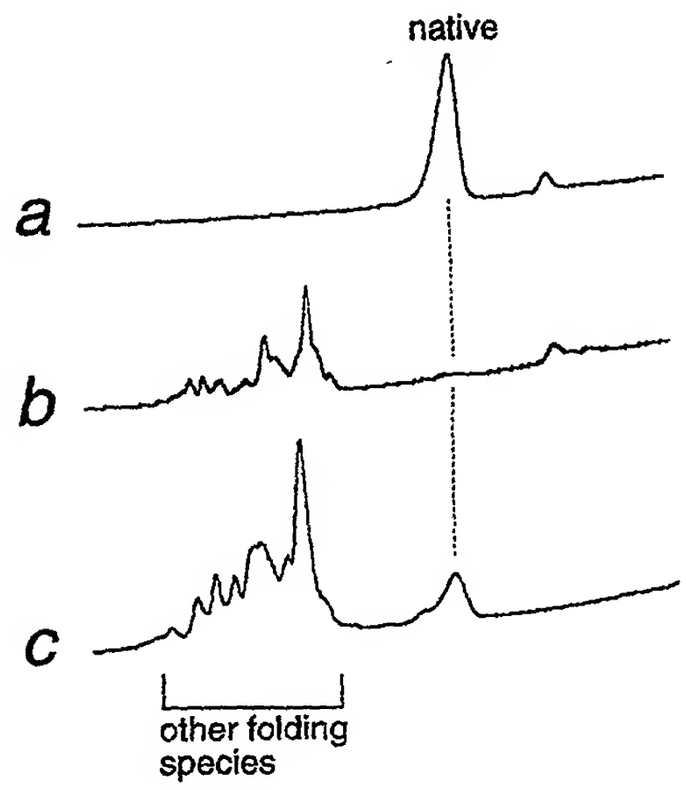


Fig. 2

Methods for Refolding Conformationally Constrained Peptides
Grzegorz BULAJ. - Atty. Ref. 2314-210-II

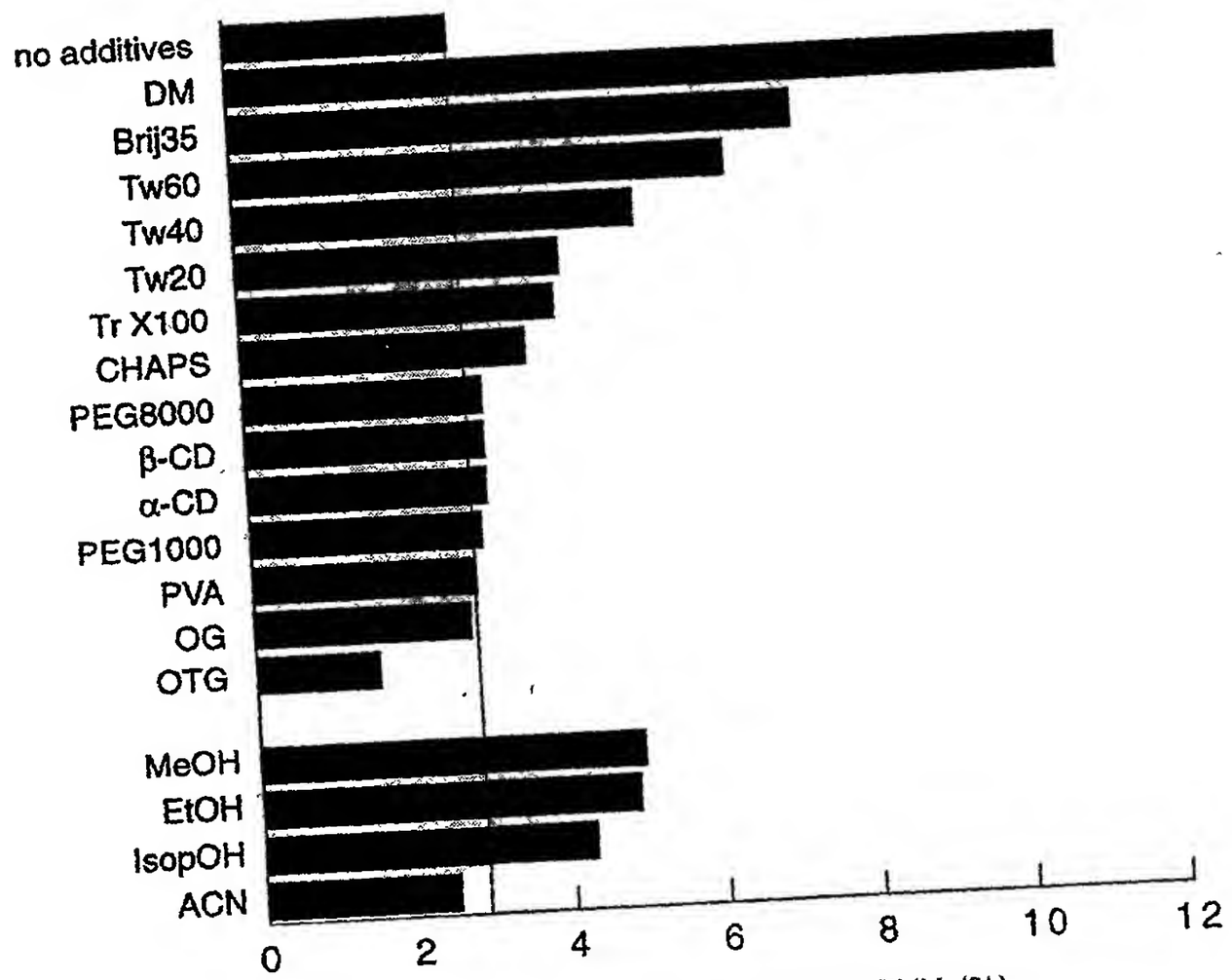


Fig. 3

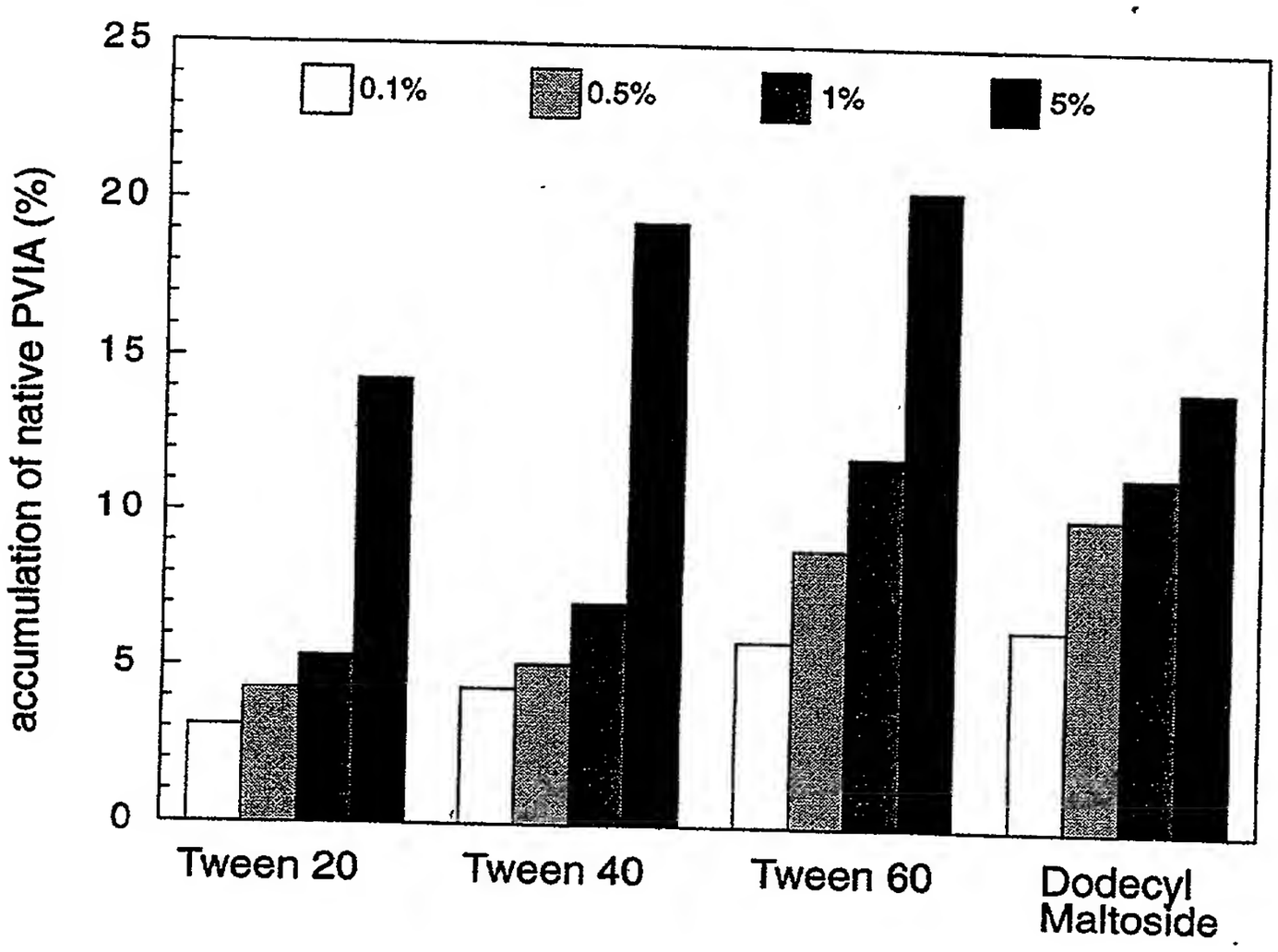

25
20
15
10
5
0
accumulation of native PVIA (%)
0.1%
0.5%
1%
5%
Tween 20
Tween 40
Tween 60
Dodecyl Maltoside

Fig. 4

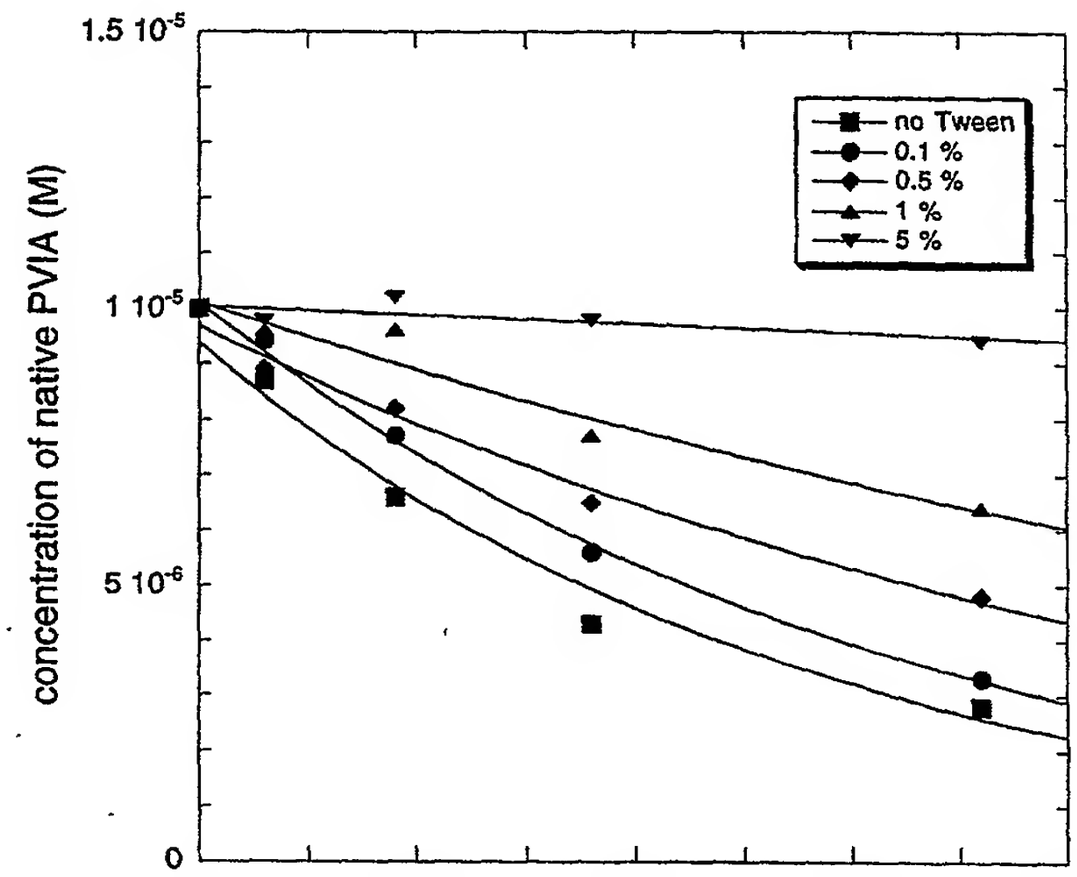

1.5 10-5
1 10-5
5 10-6
0
concentration of native PVIA (M)
0
1000
2000
3000
4000
time (sec)
no Tween
0.1 %
0.5 %
1 %
5 %

Fig. 5

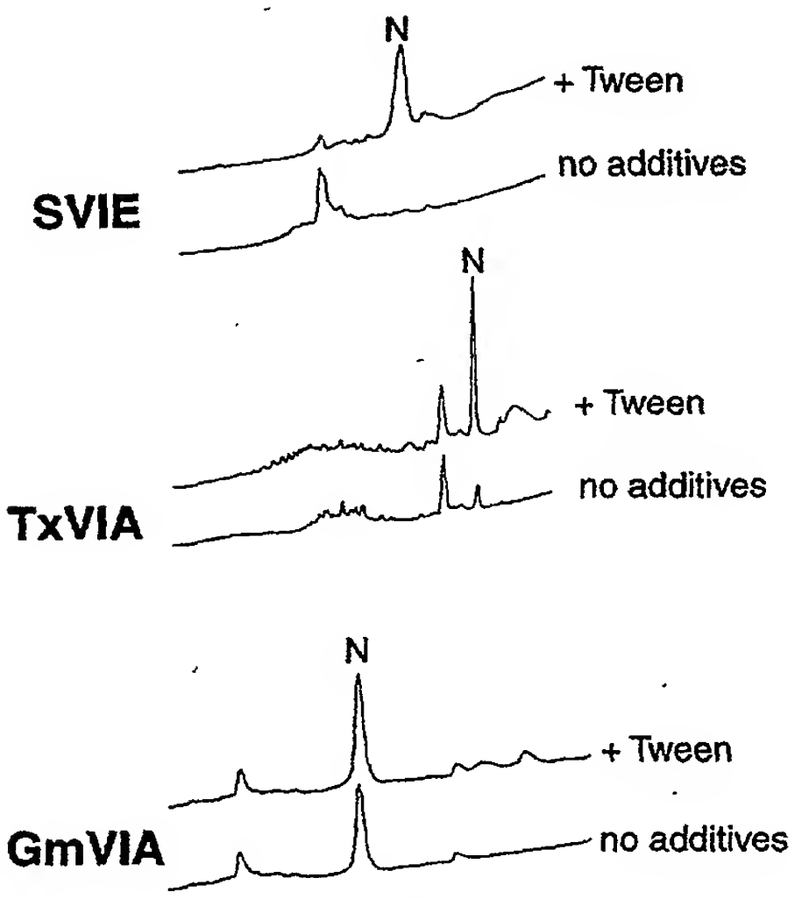

N
+ Tween
no additives
SVIE
N
+ Tween
no additives
TxVIA
N
+ Tween
no additives
GmVIA

Fig. 6

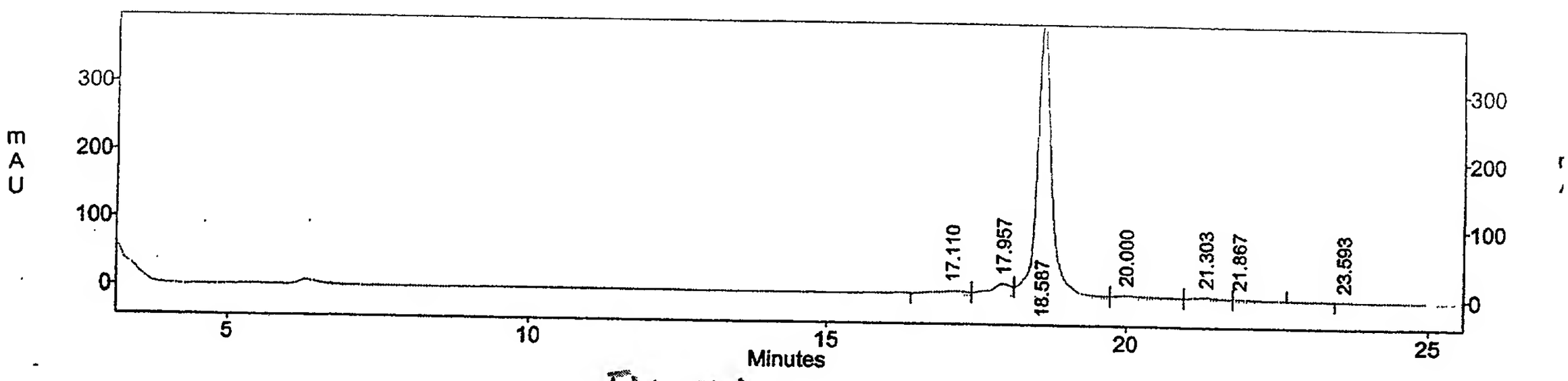


Fig. 7A

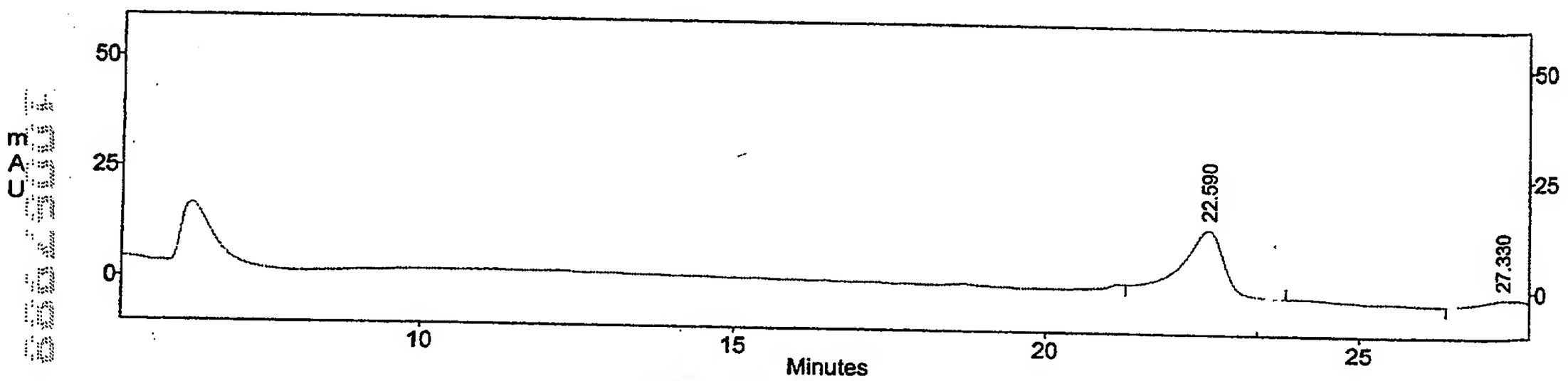


Fig. 7B

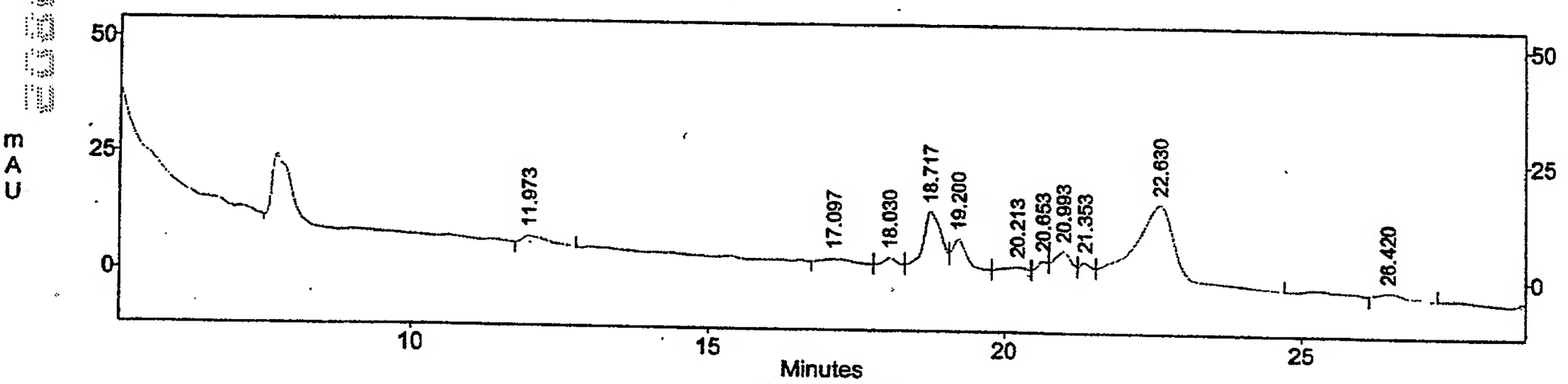


Fig. 7C

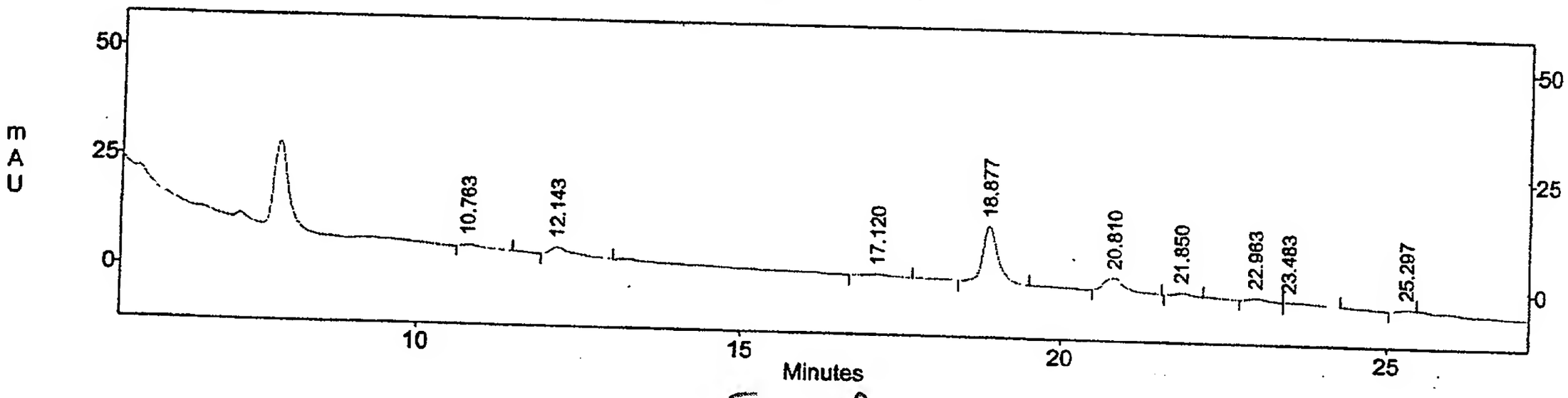


Fig. 7D

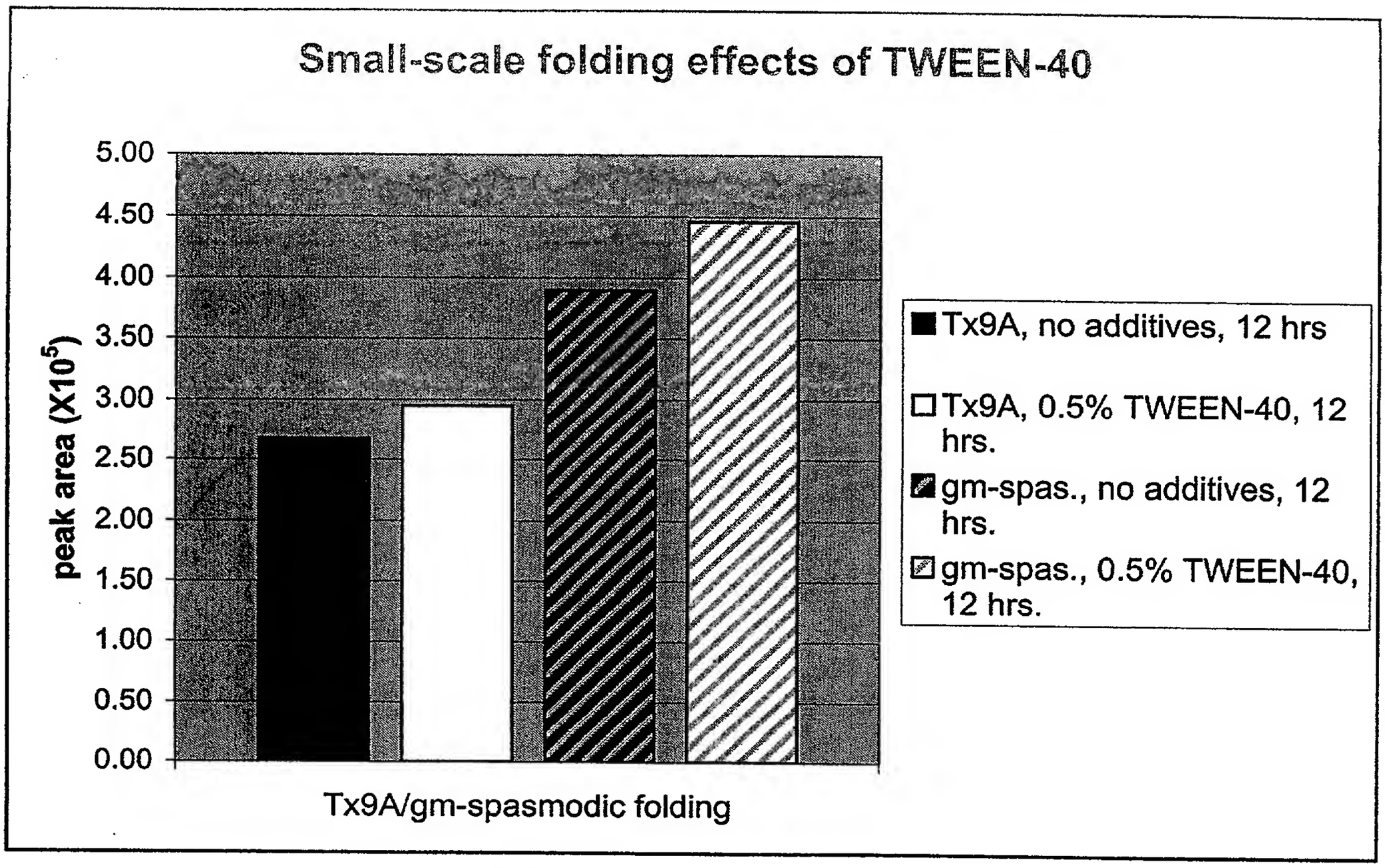

Small-scale folding effects of TWEEN-40
peak area (X10^5)
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Tx9A/gm-spasmodic folding
Tx9A, no additives, 12 hrs
Tx9A, 0.5% TWEEN-40, 12 hrs.
gm-spas., no additives, 12 hrs.
gm-spas., 0.5% TWEEN-40, 12 hrs.

Fig. 8